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UNIVERSITY OF CALIFORNIA PUBLICATIONS IN MATHEMATICS, volume 1, no. 12, April 12, 1920: "A set of five postulates for Boolean algebras in terms of the operation 'exception'" by J. S. Taylor, 241-248.

ZEITSCHRIFT FÜR MATHEMATISCHEN UND NATURWISSENSCHAFTLICHEN UNTERRICHT, volume 50, nos. 11-12, published January 10, 1920: "Zur elementaren Behandlung von Exponentialfunktion und Logarithmus" by A. Loewy, 330-339; "Bücherbesprechungen," 340-347—Volume 51, no. 1, published February 5: "Die Simsonsche Gerade" by R. Henke, 1-12; "Lektorate für Mathematik, ein Vorschlag zur Erweiterung des mathematischen Hochschulunterrichts" by A. Rohrberg, 13-17; "Kleine Mitteilungen," 18-24.

AMERICAN DOCTORAL DISSERTATIONS.

S. P. SHUGERT, The resolvents of König and other types of symmetric functions. Lancaster, Pa., 1919. 19 pp. (University of Pennsylvania, 1914.)

UNDERGRADUATE MATHEMATICS CLUBS.

EDITED BY U. G. MITCHELL, University of Kansas, Lawrence.

NOTES AND SUGGESTIONS.

If our readers know of the formation or existence of undergraduate mathematics clubs which have not been mentioned in this department we would be glad to have them send us full information concerning their organization and activities. We hope, too, that clubs which plan their programs for the year soon after the opening of college will send us copies without waiting for a request from the editor. The issuing of a printed folder in October or November giving information about the club as well as times, places and programs for meetings during the year seems to contribute decidedly to the success of the work and the number of clubs which are adopting the plan is increasing. A sample of such a folder will be sent by the editor of the department to any one requesting it.

Appendix A, pages 227-230 of Marie Gugle's *Modern Junior Mathematics*, Book 2 (New York, The Gregg Publishing Co., 1920), is devoted to "Mathematics Clubs." Sample programs are given to show how the same topic may be used in various grades by making the treatment different in each case. A list of thirty-four topics and twelve titles of books and magazines are given. While these programs, topics and references are intended for high schools they may prove suggestive to club program makers in colleges.

In response to our request published sometime ago for suggestions which might be used in social meetings, Mr. John W. Arnold, Treasurer of the Undergraduate Mathematics Club at the University of Illinois, sends the following account of the annual social meeting of their club held Friday evening, March 12, 1920.

The company of about eighty persons was numbered and tagged upon arrival and later divided by means of the last digit of the number into five groups—followers of Newton, Descartes, Euclid, Leibniz, and Pythagoras—who arranged